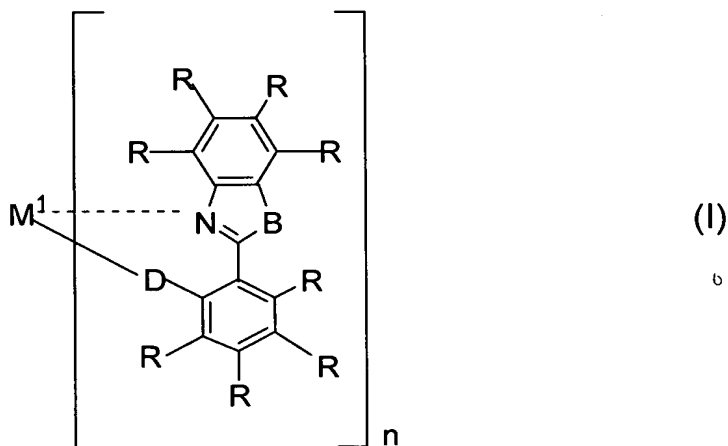


ABSTRACT

An organometallic luminescent material comprising the compound of formula (I) of the present invention can emit pure blue light and have high thermal stability:



wherein,

$M^1$  is a monovalent or tetravalent metal selected from the group consisting of Li, Na, K, Zr, Si, Ti, Sn, Cs, Fr, Rb, Hf, Pr, Pa, Ge, Pb, Tm and Md;

R is hydrogen or  $C_{1-10}$  alkyl;

B is O, S, Se or Te;

D is O or S; and

n is an integer ranging from 1 to 4.

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